

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:54:00 ON 10 DEC 2005

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TOTAL

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SESSION

FULL ESTIMATED COST

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FILE 'RDISCLOSURE' ENTERED AT 14:54:12 ON 10 DEC 2005

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FILE 'USPATFULL' ENTERED AT 14:54:12 ON 10 DEC 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 14:54:12 ON 10 DEC 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> s hematin and electrical? and substrate# and layer#

L1 44 HEMATIN AND ELECTRICAL? AND SUBSTRATE# AND LAYER#

=>

=> s l1 and polyelectrolyte#

L2 15 L1 AND POLYELECTROLYTE#

=> s l2 and cation#

L3 8 L2 AND CATION#

=> s l3 and (dialkyldiallylaommonium salt# or dimethyldiallylammonium chloride)

L4 0 L3 AND (DIALKYLDIALLYLAOMMONIUM SALT# OR DIMETHYLDIALLYLAMMONIU
M CHLORIDE)

=> s l2 and (dialkyldiallylaommonium salt# or dimethyldiallylammonium chloride)

L5 7 L2 AND (DIALKYLDIALLYLAOMMONIUM SALT# OR DIMETHYLDIALLYLAMMONIU
M CHLORIDE)

=> d l5 1-7

L5 ANSWER 1 OF 7 USPATFULL on STN

AN 2005:240667 USPATFULL

TI Assembled **hematin**, method for forming same and method for
polymerizing aromatic monomers using same

IN Bruno, Ferdinando, Andover, MA, UNITED STATES

Samuelson, Lynne A., Marlborough, MA, UNITED STATES

Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES

Kumar, Jayant, Westford, MA, UNITED STATES

Sennett, Michael, Sudbury, MA, UNITED STATES

PI US 2005208668 A1 20050922

AI US 2005-111570 A1 20050421 (11)

RLI Division of Ser. No. US 2004-775579, filed on 9 Feb 2004, PENDING

Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,
ABANDONED

PRAI US 2000-253109P 20001127 (60)

DT Utility
FS APPLICATION
LN.CNT 986
INCL INCLM: 436/066.000
NCL NCLM: 436/066.000
IC [7]

ICM: G01N033-72

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 7 USPATFULL on STN
AN 2005:240666 USPATFULL
TI Assembled **hematin**, method for forming same and method for
polymerizing aromatic monomers using same
IN Bruno, Ferdinando, Andover, MA, UNITED STATES
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
Sennett, Michael, Sudbury, MA, UNITED STATES
PI US 2005208667 A1 20050922
AI US 2005-111567 A1 20050421 (11)
RLI Division of Ser. No. US 2004-775579, filed on 9 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,
ABANDONED
PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 1001
INCL INCLM: 436/066.000
NCL NCLM: 436/066.000
IC [7]

ICM: G01N033-72

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 7 USPATFULL on STN
AN 2005:240665 USPATFULL
TI Assembled **hematin**, method for forming same and method for
polymerizing aromatic monomers using same
IN Bruno, Ferdinando, Andover, MA, UNITED STATES
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
Sennett, Michael, Sudbury, MA, UNITED STATES
PI US 2005208666 A1 20050922
AI US 2005-111566 A1 20050421 (11)
RLI Division of Ser. No. US 2004-775579, filed on 9 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,
ABANDONED
PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 1021
INCL INCLM: 436/066.000
NCL NCLM: 436/066.000
IC [7]

ICM: G01N033-72

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 7 USPATFULL on STN
AN 2005:234336 USPATFULL
TI Methods for polymerization of electronic and photonic polymers
IN Bruno, Ferdinando, Andover, MA, UNITED STATES
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
PI US 2005203276 A1 20050915
AI US 2005-120032 A1 20050502 (11)
RLI Division of Ser. No. US 2004-775580, filed on 9 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,
ABANDONED

PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 995
INCL INCLM: 528/422.000
NCL NCLM: 528/422.000
IC [7]
ICM: C08G002-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 7 USPATFULL on STN
AN 2005:234335 USPATFULL
TI Methods for polymerization of electronic and photonic polymers
IN Bruno, Ferdinando, Andover, MA, UNITED STATES
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
PI US 2005203275 A1 20050915
AI US 2005-120031 A1 20050502 (11)
RLI Division of Ser. No. US 2004-775580, filed on 9 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,
ABANDONED

PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 1023
INCL INCLM: 528/422.000
NCL NCLM: 528/422.000
IC [7]
ICM: C08G002-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 7 USPATFULL on STN
AN 2004:255414 USPATFULL
TI Polymerization of aromatic monomers using derivatives of **hematin**
IN Tripathy, Sukant, Acton, MA, UNITED STATES
Tripathy, Susan, Acton, MA, UNITED STATES LR
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Bruno, Ferdinando F., Andover, MA, UNITED STATES
Roy, Sucharita, Tewksbury, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
Ku, Bon-Cheol, Cambridge, US, UNITED STATES
Lee, Soo-Hyoung, Lowell, MA, UNITED STATES
PA University of Massachusetts, Lowell-Lowell, MA, UNITED STATES (U.S.
corporation)
Government of the United States, as represented by the Secretary of the
Army (U.S. corporation)
PI US 2004198945 A1 20041007
AI US 2004-826623 A1 20040416 (10)
RLI Division of Ser. No. US 2001-994998, filed on 27 Nov 2001, PENDING

PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 783
INCL INCLM: 528/086.000
INCLS: 528/422.000
NCL NCLM: 528/086.000
NCLS: 528/422.000
IC [7]
ICM: C08G073-00
ICS: C08G061-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 7 USPATFULL on STN
AN 2002:323301 USPATFULL
TI Polymerization of aromatic monomers using derivatives of **hematin**
IN Tripathy, Sukant, Acton, MA, UNITED STATES
Tripathy, Susan, Acton, MA, UNITED STATES LR

Tripathy, Susan, Acton, MA, UNITED STATES LR
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Bruno, Ferdinando F., Andover, MA, UNITED STATES
Roy, Sucharita, Tewksbury, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
Ku, Bon-Cheol, Cambridge, MA, UNITED STATES
Lee, Soo-Hyoung, Lowell, MA, UNITED STATES

PI US 2002183470 A1 20021205
AI US 2001-994998 A1 20011127 (9)
PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 846
INCL INCLM: 526/217.000
INCLS: 536/023.100; 540/145.000
NCL NCLM: 526/217.000
NCLS: 536/023.100; 540/145.000
IC [7]
ICM: C08F002-00
ICS: C08F004-00; C07D487-22; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>
=> d 12 1-15

L2 ANSWER 1 OF 15 PCTFULL COPYRIGHT 2005 Univentio on STN
AN 2005068628 PCTFULL ED 20050803 EW 200530
TIEN METHODS FOR NUCLEIC ACID ISOLATION AND KITS USING SOLID PHASE MATERIAL
TIFR PROCEDES D'ISOLATION D'UN ACIDE NUCLEIQUE ET TROUSSES UTILISANT UN
MATERIAU EN PHASE SOLIDE
IN PARTHASARATHY, Ranjani V., 3M Center, Post Office Box 33427, Saint
Paul, Minnesota 55133-3427, US;
ERICSON, Katya K., 3M Center, Post Office Box 33427, Saint Paul,
Minnesota 55133-3427, US;
BEDINGHAM, William,, 3M Center, Post Office Box 33427, Saint Paul,
Minnesota 55133-3427, US
PA 3M INNOVATIVE PROPERTIES COMPANY, 3M Center, Post Office Box 33427,
Saint Paul, Minnesota 55133-3427, US [US, US], for all designates States
except US
AG SPRAGUE, Robert W., Office of Intellectual Property Counsel, Post
Office Box 33427, Saint Paul, Minnesota 55133-3427, US
LAF English
LA English
DT Patent
PI WO 2005068628 A2 20050728
DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE
SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
ZW
W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES
FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK
SL TJ TR TT UA UG UZ YU
RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
NL PL PT RO SE SI SK TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
AI WO 2004-US35367 A 20041025
PRAI US 2003-60/532,523 20031224
US 2004-10/852,645 20040524
ICM C12N015-10
ICS C12Q001-68; B01L003-00; C12N001-12; C07H021-00; G01N030-30
L2 ANSWER 2 OF 15 PCTFULL COPYRIGHT 2005 Univentio on STN

AN 2005068627 PCTFULL ED 20050803 EW 200530
TIE METHODS FOR NUCLEIC ACID ISOLATION AND KITS USING A MICROFLUIDIC DEVICE
AND CONCENTRATION STEP
TIFR PROCEDES D'ISOLATION D'ACIDE NUCLEIQUE ET TROUSSES UTILISANT UN
DISPOSITIF MICROFLUIDIQUE ET UNE ETAPE DE CONCENTRATION
IN PARTHASARATHY, Ranjani V., 3M Center, Post Office Box 33427, Saint
Paul, Minnesota 55133-3427, US;
ERICSON, Katya K., 3M Center, Post Office Box 33427, Saint Paul,
Minnesota 55133-3427, US;
BEDINGHAM, William,, 3M Center, Post Office Box 33427, Saint Paul,
Minnesota 55133-3427, US
PA 3M INNOVATIVE PROPERTIES COMPANY, 3M Center, Post Office Box 33427,
Saint Paul, Minnesota 55133-3427, US [US, US], for all designates States
except US
AG SPRAGUE, Robert W., Office of Intellectual Property Counsel, Post
Office Box 33427, Saint Paul, Minnesota 55133-3427, US
LAF English
LA English
DT Patent
PI WO 2005068627 A1 20050728
DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE
SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
ZW
W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES
FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK
SL TJ TR TT UA UG UZ YU
RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
NL PL PT RO SE SI SK TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
AI WO 2004-US35366 A 20041025
PRAI US 2003-60/532,523 20031224
US 2004-10/852,085 20040524
ICM C12N015-10
ICS C12Q001-68; B01L003-00; C12M001-12; C07H021-00; G01N030-30

L2 ANSWER 3 OF 15 PCTFULL COPYRIGHT 2005 Univentio on STN
AN 2005068626 PCTFULL ED 20050803 EW 200530
TIE METHODS FOR NUCLEIC ACID ISOLATION AND KITS USING A MICROFLUIDIC DEVICE
AND SEDIMENTING REAGENT
TIFR PROCEDES D'ISOLEMENT D'ACIDE NUCLEIQUE ET TROUSSES UTILISANT UN
DISPOSITIF MICROFLUIDIQUE ET UN REACTIF DE SEDIMENTATION
IN PARTHASARATHY, Ranjani, V., 3M Center, Post Office Box 33427, Saint
Paul, Minnesota 55133-3427, US;
ERICSON, Katya, K., 3M Center, Post Office Box 33427, Saint Paul,
Minnesota 55133-3427, US;
BEDINGHAM, William, 3M Center, Post Office Box 33427, Saint Paul,
Minnesota 55133-3427, US
PA 3M INNOVATIVE PROPERTIES COMPANY, 3M Center, Post Office Box 33427,
Saint Paul, Minnesota 55133-3427, US [US, US], for all designates States
except US
AG SPRAGUE, Robert, W., Office of Intellectual Property Counsel, Post
Office Box 33427, Saint Paul, Minnesota 55133-3427, US
LAF English
LA English
DT Patent
PI WO 2005068626 A1 20050728
DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE
SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
ZW
W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES

FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK
 SL TJ TR TT UA UG UZ YU
 RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
 NL PL PT RO SE SI SK TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 AI WO 2004-US35330 A 20041025
 PRAI US 2003-60/532,523 20031224
 US 2004-10/852,022 20040524
 ICM C12N015-10
 ICS C12Q001-68; B01L003-00; C12M001-12; C07H021-00; G01N030-30

L2 ANSWER 4 OF 15 PCTFULL COPYRIGHT 2005 Univentio on STN
 AN 2005061709 PCTFULL ED 20050712 EW 200527
 TIEN VARIABLE VALVE APPARATUS AND METHODS
 TIFR DISPOSITIFS A CLAPET VARIABLE ET PROCEDES CORRESPONDANTS
 IN BEDINGHAM, William, Post Office Box 33427, Saint Paul, Minnesota
 55133-3427, US;
 ROBOLE, Barry W., Post Office Box 33427, Saint Paul, Minnesota
 55133-3427, US;
 PARTHASARATHY, Ranjani V., Post Office Box 33427, Saint Paul, Minnesota
 55133-3427, US;
 ERICSON, Katya, Post Office Box 33427, Saint Paul, Minnesota 55133-3427,
 US
 PA 3M INNOVATIVE PROPERTIES COMPANY, 3M Center, Post Office Box 33427,
 Saint Paul, Minnesota 55133-3427, US [US, US]
 AG SPRAGUE, Robert W., Office of Intellectual Property Counsel, Post
 Office Box 33427, Saint Paul, Minnesota 55133-3427, US
 LAF English
 LA English
 DT Patent
 PI WO 2005061709 A2 20050707
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR
 CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE
 SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
 ZW
 W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES
 FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK
 SL TJ TR TT UA UG UZ YU
 RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU
 MC NL PL PT RO SE SI SK TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 AI WO 2004-US38924 A 20041118
 PRAI US 2003-10/734,717 20031212
 US 2003-60/532,523 20031224
 US 2004-10/852,642 20040524
 ICM C12N015-10
 ICS B01L003-00; G01N030-00

L2 ANSWER 5 OF 15 USPATFULL on STN
 AN 2005:240667 USPATFULL
 TI Assembled hematin, method for forming same and method for
 polymerizing aromatic monomers using same
 IN Bruno, Ferdinando, Andover, MA, UNITED STATES
 Samuelson, Lynne A., Marlborough, MA, UNITED STATES
 Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
 Kumar, Jayant, Westford, MA, UNITED STATES
 Sennett, Michael, Sudbury, MA, UNITED STATES
 PI US 2005208668 A1 20050922
 AI US 2005-111570 A1 20050421 (11)
 RLI Division of Ser. No. US 2004-775579, filed on 9 Feb 2004, PENDING
 Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,

ABANDONED
PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 986
INCL INCLM: 436/066.000
NCL NCLM: 436/066.000
IC [7]
ICM: G01N033-72
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 6 OF 15 USPATFULL on STN
AN 2005:240666 USPATFULL
TI Assembled **hematin**, method for forming same and method for
polymerizing aromatic monomers using same
IN Bruno, Ferdinando, Andover, MA, UNITED STATES
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
Sennett, Michael, Sudbury, MA, UNITED STATES
PI US 2005208667 A1 20050922
AI US 2005-111567 A1 20050421 (11)
RLI Division of Ser. No. US 2004-775579, filed on 9 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,
ABANDONED

PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 1001
INCL INCLM: 436/066.000
NCL NCLM: 436/066.000
IC [7]
ICM: G01N033-72
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 7 OF 15 USPATFULL on STN
AN 2005:240665 USPATFULL
TI Assembled **hematin**, method for forming same and method for
polymerizing aromatic monomers using same
IN Bruno, Ferdinando, Andover, MA, UNITED STATES
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
Sennett, Michael, Sudbury, MA, UNITED STATES
PI US 2005208666 A1 20050922
AI US 2005-111566 A1 20050421 (11)
RLI Division of Ser. No. US 2004-775579, filed on 9 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,
ABANDONED

PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 1021
INCL INCLM: 436/066.000
NCL NCLM: 436/066.000
IC [7]
ICM: G01N033-72
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 8 OF 15 USPATFULL on STN
AN 2005:234336 USPATFULL
TI Methods for polymerization of electronic and photonic polymers
IN Bruno, Ferdinando, Andover, MA, UNITED STATES
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
PI US 2005203276 A1 20050915
AI US 2005-120032 A1 20050502 (11)
RLI Division of Ser. No. US 2004-775580, filed on 9 Feb 2004, PENDING

Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,
ABANDONED

PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 995
INCL INCLM: 528/422.000
NCL NCLM: 528/422.000
IC [7]
ICM: C08G002-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 9 OF 15 USPATFULL on STN
AN 2005:234335 USPATFULL
TI Methods for polymerization of electronic and photonic polymers
IN Bruno, Ferdinando, Andover, MA, UNITED STATES
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
PI US 2005203275 A1 20050915
AI US 2005-120031 A1 20050502 (11)
RLI Division of Ser. No. US 2004-775580, filed on 9 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2001-994998, filed on 27 Nov 2001,
ABANDONED

PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 1023
INCL INCLM: 528/422.000
NCL NCLM: 528/422.000
IC [7]
ICM: C08G002-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 10 OF 15 USPATFULL on STN
AN 2005:165239 USPATFULL
TI Methods for nucleic acid isolation and kits using a microfluidic device
and concentration step
IN Parthasarathy, Ranjani V., Woodbury, MN, UNITED STATES
Ericson, Katya, Fairburn, GA, UNITED STATES
Bedingham, William, Woodbury, MN, UNITED STATES
PA 3M Innovative Properties Company (U.S. corporation)
PI US 2005142663 A1 20050630
AI US 2004-852085 A1 20040524 (10)
PRAI US 2003-532523P 20031224 (60)
DT Utility
FS APPLICATION
LN.CNT 2276
INCL INCLM: 436/174.000
INCLS: 422/061.000
NCL NCLM: 436/174.000
NCLS: 422/061.000
IC [7]
ICM: G01N001-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 11 OF 15 USPATFULL on STN
AN 2005:165147 USPATFULL
TI Methods for nucleic acid isolation and kits using solid phase material
IN Parthasarathy, Ranjani V., Woodbury, MN, UNITED STATES
Ericson, Katya, Fairburn, GA, UNITED STATES
Bedingham, William, Woodbury, MN, UNITED STATES
PA 3M Innovative Properties Company (U.S. corporation)
PI US 2005142571 A1 20050630
AI US 2004-852645 A1 20040524 (10)
PRAI US 2003-532523P 20031224 (60)
DT Utility
FS APPLICATION
LN.CNT 3350

INCL INCLM: 435/006.000
INCLS: 435/270.000; 536/025.400
NCL NCLM: 435/006.000
NCLS: 435/270.000; 536/025.400
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N001-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 12 OF 15 USPATFULL on STN
AN 2005:165146 USPATFULL
TI Methods for nucleic acid isolation and kits using a microfluidic device
and sedimenting reagent
IN Parthasarathy, Ranjani V., Woodbury, MN, UNITED STATES
Ericson, Katya, Fairburn, GA, UNITED STATES
Bedingham, William, Woodbury, MN, UNITED STATES
PA 3M Innovative Properties Company (U.S. corporation)
PI US 2005142570 A1 20050630
AI US 2004-852022 A1 20040524 (10)
PRAI US 2003-532523P 20031224 (60)
DT Utility
FS APPLICATION
LN.CNT 1847
INCL INCLM: 435/006.000
INCLS: 435/270.000; 536/025.400
NCL NCLM: 435/006.000
NCLS: 435/270.000; 536/025.400
IC [7]
ICM: C12Q001-68
ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 13 OF 15 USPATFULL on STN
AN 2005:151265 USPATFULL
TI Variable valve apparatus and methods
IN Bedingham, William, Woodbury, MN, UNITED STATES
Robole, Barry W., Woodville, WI, UNITED STATES
Parthasarathy, Ranjani V., Woodbury, MN, UNITED STATES
Ericson, Katya, Fairburn, GA, UNITED STATES
PA 3M Innovative Properties Company (U.S. corporation)
PI US 2005130177 A1 20050616
AI US 2004-852642 A1 20040524 (10)
RLI Continuation-in-part of Ser. No. US 2003-734717, filed on 12 Dec 2003,
PENDING
PRAI US 2003-532523P 20031224 (60)
DT Utility
FS APPLICATION
LN.CNT 2258
INCL INCLM: 435/006.000
INCLS: 073/863.010; 435/287.200
NCL NCLM: 435/006.000
NCLS: 073/863.010; 435/287.200
IC [7]
ICM: C12Q001-68
ICS: C12M001-34
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 14 OF 15 USPATFULL on STN
AN 2004:255414 USPATFULL
TI Polymerization of aromatic monomers using derivatives of hematin
IN Tripathy, Sukant, Acton, MA, UNITED STATES
Tripathy, Susan, Acton, MA, UNITED STATES LR
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Bruno, Ferdinando F., Andover, MA, UNITED STATES
Roy, Sucharita, Tewksbury, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
Ku, Bon-Cheol, Cambridge, US, UNITED STATES
Lee, Soo-Hyoung, Lowell, MA, UNITED STATES

PA University of Massachusetts, Lowell-Lowell, MA, UNITED STATES (U.S. corporation)
Government of the United States, as represented by the Secretary of the Army (U.S. corporation)
PI US 2004198945 A1 20041007
AI US 2004-826623 A1 20040416 (10)
RLI Division of Ser. No. US 2001-994998, filed on 27 Nov 2001, PENDING
PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 783
INCL INCLM: 528/086.000
INCLS: 528/422.000
NCL NCLM: 528/086.000
NCLS: 528/422.000
IC [7]
ICM: C08G073-00
ICS: C08G061-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 15 OF 15 USPATFULL on STN
AN 2002:323301 USPATFULL
TI Polymerization of aromatic monomers using derivatives of hematin
IN Tripathy, Sukant, Acton, MA, UNITED STATES
Tripathy, Susan, Acton, MA, UNITED STATES LR
Samuelson, Lynne A., Marlborough, MA, UNITED STATES
Bruno, Ferdinando F., Andover, MA, UNITED STATES
Roy, Sucharita, Tewksbury, MA, UNITED STATES
Nagarajan, Ramaswamy, Dracut, MA, UNITED STATES
Kumar, Jayant, Westford, MA, UNITED STATES
Ku, Bon-Cheol, Cambridge, MA, UNITED STATES
Lee, Soo-Hyoung, Lowell, MA, UNITED STATES
PI US 2002183470 A1 20021205
AI US 2001-994998 A1 20011127 (9)
PRAI US 2000-253109P 20001127 (60)
DT Utility
FS APPLICATION
LN.CNT 846
INCL INCLM: 526/217.000
INCLS: 536/023.100; 540/145.000
NCL NCLM: 526/217.000
NCLS: 536/023.100; 540/145.000
IC [7]
ICM: C08F002-00
ICS: C08F004-00; C07D487-22; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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